I claim:

1. A moisture-reactive hot-melt composition formed by admixing components comprising at least one polyol, at least one polyisocyanate, and at least one silane-functional polyolefin.

2. The composition of claim 1, wherein said silane-functional polyolefin has 20% crystallinity or less.

3. The composition of claim 1, wherein said silane-functional polyolefin comprises at least one silane-functional poly-α-olefin.

4. The composition of claim 1, wherein said composition further comprises at least one silane adhesion promoter.

5. The composition of claim 1, wherein said silane-functional polyolefin comprises at least one silane-functional poly-α-olefin, wherein said silane-functional polyolefin has 20% or less crystallinity, and wherein said composition further comprises at least one silane adhesion promoter.

6. A method of making a moisture-reactive hot-melt composition comprising admixing components comprising at least one polyol, at least one polyisocyanate, and at least one silane-functional polyolefin.

7. The method of claim 6, wherein said silane-functional polyolefin comprises at least one silane-functional poly-α-olefin, wherein said silane-functional polyolefin has 20% or less crystallinity, and wherein said hot-melt composition further comprises at least one silane adhesion promoter.

8. A method for bonding substrates comprising

(a) making a moisture-reactive hot-melt composition comprising admixing components comprising at least one polyol, at least one polyisocyanate, and at least one silane-functional polyolefin;

(b) heating said hot-melt composition;

(c) applying said heated hot-melt composition to a first substrate;

(d) contacting said applied heated hot-melt composition with a second substrate; and

(e) cooling, or allowing to cool, said hot-melt composition.

9. The method of claim 8, wherein said silane-functional polyolefin comprises at least one silane-functional poly-α-olefin, wherein said silane-functional polyolefin has 20% or less crystallinity, and wherein said hot-melt composition further comprises at least one silane adhesion promoter.

10. A bonded composite article comprising at least two substrates bonded by a moisture-reactive hot-melt composition formed by admixing components comprising at least one polyol, at least one polyisocyanate, and at least one silane-functional polyolefin; wherein said silane-functional polyolefin comprises at least one silane-functional

poly-α-olefin; wherein said silane-functional polyolefin has 20% or less crystallinity; and wherein said hot-melt composition further comprises at least one silane adhesion promoter.